

# STRUCTURAL REFLECTIVE INSULATING MATERIAL FOR DUCTS AND OTHER PURPOSES

## ABSTRACT OF THE DISCLOSURE

A reflective insulating material (1) with sufficient structural integrity to form  
5 and maintain a configuration of air ducts (9, 13), boxes and other structures having  
outer layers of reflective foil (2, 8), multiple inner layers of foam material (4, 6) and  
a mesh material (5) sandwiched between the layers of foam material, all adhered  
together by adhesive and heat. The material can be configured end to end and  
secured by tape (11, 18) to form air ducts (9, 13) or other structures. An optional  
10 hook lock (15, 16) is provided to help secure ends when forming substantially  
circular air ducts (13).

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